

## EXPLANATION OF PLATE 61.

Figure 3,  $\times 660$ ; all others,  $\times 460$ .

- Figure 1. *Closterium Intervalicola* sp. nov.  
 " 2, 3. *Docidium undulatum* Bail., forma *perundulatum* W. & G. S. West.  
 " 4. *Pleurotaenium subgeorgicum* sp. nov.  
 " 5. *Pleurotaenium constrictum* (Bail.) Wood.  
 " 6. *Troploceras gracile* Bail., var. *montana* var. nov.  
 " 7. *Pleurotaenium verticillatum* Bail.

(To be continued.)

SCROPHULARIA LEPORELLA AT WILLOUGHBY. — While visiting the Willoughby region last August the writer made an exploring trip on the West side of the lake in company with Mr. A. B. Emerson of Barton. We first examined an unreported sphagnum swamp near the lake, known as "Beaver Meadow." Numerous Heaths and Orchids were growing here in considerable quantity, some of which are marked uncommon in the listed flora of the region. This meadow deserves a more careful investigation by botanists. Emerging from the swamp in the direction of the Barton road, and crossing an upland pasture, we came upon a colony of *Scrophularia leporella*, Bickn. The plants were growing vigorously in springy soil and close beside a large boulder. Though late in August several of the thyrses were in full bloom. The writer recognized the genus and giving a specimen to Judge Churchill, he pronounced it *S. leporella*, Bickn. The plant is not in Dr. Kennedy's list of the Willoughby Flora, nor does it seem to have been previously reported from this part of the state. — Geo. H. Tilton, Woburn, Massachusetts.

ILLUSTRATIONS AND STUDIES OF THE FAMILY ORCHIDACEAE,<sup>1</sup> by Oakes Ames, A. M. — Mr. Ames's volume on the orchids is a notable contribution to the knowledge of this vast and difficult group of plants. The work not only shows great care in investigation, but in all details of presentation it is a model of clearness and accuracy. The present volume, which we are glad to learn is the forerunner of a series, deals with subject matter which may be grouped under four heads. In the first part about a score of tropical species, belonging to the genera *Acoridium*, *Cestichis*, *Campylocentrum*, *Ionopsis*, *Coral-*

<sup>1</sup>Fascicle 1; imperial 8vo., 156 pp., 16 pl. Houghton, Mifflin & Co., 8 Apr 1905.